



NATIONAL BUREAU OF STANDARDS MICROCOPY RESOLUTION TEST CHART

## **JUSTIFICATION OF ESTIMATES** DEPARTMENT OF THE NAVY FOR FISCAL YEAR 1986

**LAD-A154 927** 



SUBMITTED TO CONGRESS FEBRUARY 1985

NAVY STOCK FUND MARINE CORPS STOCK FUND



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# DEPARTMENT OF THE NAVY JUSTIFICATION OF ESTIMATES FOR FISCAL YEAR 1986

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Department of the Navy NAVY STOCK FUND Appropriation Language For the Navy Stock Fund; [\$473,307,000] \$716,500,000. (10 U.S.C. 2208; Department of Defense Appropriation Act, 1985).





Nevy Stock Fund Program and Financing (in Thousands of dollers)

- F	Program by activities: Ships, ordinate and electronics repair perts Forms and printed matter Ships store and commissery store stock Ships store and commissery store stock I profits from sale of ships; stores paid to ships store profits, Navy Ship overhaul material Special clearance account Fleet material support office-retail commodities Aviation consumable material Fuels and related items Ship depot level reparables Aviation depot level reparables Total obligations	483,821 9(13,611 9(13,288 21,985 161,852 161,852 1,578,576 959,191 2,220,930 1,183,537	489,200 18,700 1,018,900 25,600	508, 100
r co	d electronics repair parts matter maissery store stock of ships store profits, riel store port office-retail commodities e materiel tems eperables el reparables	483,821 9(13,611 9(19,288 21,995 161,852 1,578,576 959,191 2,220,930 1,183,537	489,200 18,700 1,018,900 25,600	508,100
	stock se paid to ships store profits, tail commodities	13,611 9(19,288 21,995 161,852 161,852 1,578,576 959,191 2,220,930 1,183,537	18,700 1,018,900 25,600 184,600	
	stock se peid to ships store profits, tell commodities	9(9, 288 21, 995 161, 852 97 1, 578, 576 959, 191 2, 220, 930 1, 183, 537	1,018,900 25,600 184.600	20, 600
	se poid to ships store profits,	21,995 161,852 97 1,578,576 959,191 2,220,930 1,183,537	25, 600 184, 600	1,038,400
	overhaul material is Clearants account t material aupport office-ratall com.odities t material aupport office-ratall com.odities tion consumable material s and related items depot level reparables tion depot level reparables l obligations	161, 852 97 1, 578, 576 959, 191 2, 220, 930 1, 183, 537	184.600	26,300
	ist Clearance account t material support office-retail compodities tion consumable material s and related items depot level reparables tion depot level reparables	97 1,578,576 959,191 2,220,930 1,183,537		195,000
<u></u> 90	t material aupport office-retail commodities tion consumable material a and related items depot level reparables tion depot level reparables i obligations	1,578,576 959,191 2,220,930 1,183,537	1,000	1,000
<u></u> 0.0	tion consumable materiel s end related items depot level reparables tion depot level reparables l obligations	959, 191 2, 220, 930 1, 183, 537	1,840,400	2,004,800
<u> </u>	# end related items depot level reparables tion depot laval reparables 1 obligations	2,220,930 1,163,537	991,400	962,000
<u> </u>	depot level reparables tion depot level reparables i obligations	1,183,537	2, 101, 500	1,894,800
<u>.</u>	tion depot lavel reparables i obligations		1,245,100	1,316,400
ī	1 obligations		2,467,700	3,256,300
Ī		7,532,898	10,384,100	11, 123, 700
Ī				
	nencing: Offsetting collections from:			
	( - ) #DE30   10   10   10   10   10   10   10	-5, 638, 348	-8,754,493	-9,170,600
14.0001 Non-Fe	-   -   -   -   -   -   -   -   -   -	-1,033,170	-1,066,400	-1,151,200
		1 1 1 1 1 1 1	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	
39.0001 Budgi	Budget muthority	862,240	473,307	716,500
pog.	Budget sutherity:		600	9
	Approprietion Contract authority (Substantive law) (Statutory citation)	249, 371	500	
Relet	Relation of obligations to outlays:			
71.0001 Obligation	dollastication	862,240	473,307	718,500
72.4901 Contrac	Contract authority	2,171,075	2,420,446	2, 420, 446
	Fund belence	662,363	1,333,616	1,683,123
0511geter 74 4901 Contra	Obligated belence, and of year:	-2.420.446	-2,420,446	-2,420,446
	Fund belence	-1,333,516	-1,683,123	-2, 125, 923
#041+000 04		-36.284	123,700	273.700

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Navy Stock Fund
Object Classification (in Thousands of dollars)

dent				
, , , , , , , , , , , , , , , , , , ,	1907   1907			1956 est.
22 2001	22 2001 Transportation of things Other services:	12,839	36.300	201 200
22 5004				
22 6001		243, 763	977,700	1,616,970
24 2001	Insurance claims and indemnities	7,254,301	9, 344, 500 25, 600	26.300
29 9001	29 9001 Total Relabilisable obligations	7,532,898	10, 384, 100	11,123,700
1066 66	99 9901 Total obligations	7, 532, 898	10, 384, 100	11,123,700

Property I Produced Business Transcontinues

DEPARIMENI OF THE NAVY
NAVY STOCK FUND
Appropriated Funds Request

(In Thousands of Dollars)

	עבסר בר זוווב	מסו עביבו אבי	10191
STOCK FUND	987	\$265,309 \$260,724	\$984,647
	Program Requirements FY 1985 \$409,707 Program Requirements FY 1984 \$590,500	\$ 63.600 \$ 42.369	\$473,307 \$632,869

#### General Statement

Inventory investment for support of new weapons systems, weapons systems with expanding populations The Navy Stock Fund is a revolving fund established to provide secondary item material support to Navy combat forces and shore installations. The stock fund customers buy material using annual appropriated funds. These monies are then used by the stock fund to reinvest in material that is held in inventory to meet future customer demands. Beginning in FY 1983, Congress directed that and readiness or sustainability initiatives be financed by direct appropriations. This request supports that direction.

Under stockfunding, a "buyer/seller" relationship is established (OPN), or Aircraft Procurement, Navy (APN), while repair was funded in the Operation and Maintenance, Navy (O&MN) appropriation. In the procurement accounts, release of these items from the supply to this time, OLRs were funded in either Weapons Procurement, Navy (WPN), Other Procurement, Navy readiness can be improved via better material support and if economies can be achieved due to the non-aviation Depot Level Repairable (DLR) components in the Navy Stock Fund to aviation DLRs. system was on a "free issue" basis. Under stockfunding, a "buyer/seller" relationship is es and users of DLRs pay for what they requisition. The purpose of the test is to determine if On 1 April 1985 the Navy is expanding its test of financing the procurement and repair of The expanded test will continue through Fiscal Year 1988. 'buyer/seller" relationship.

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[v.]....

change in financing. This change in financing requires that consumption of the inventories continue to be paid for by the users with appropriated operating funds but only at the time these inventories The Inventories of all aviation ships will be capitalized into the Navy Stock Fund on 1 April 1985. The consumption of the inventories will be paid for by the users with appropriated operating funds. However, replacement of these inventories as well as required increases and/or additions will be paid for by the NSF. Beginning I April 1986, these inventories will be decapitalized (on a phased basis) to end use customer accounts. Decapitalization of inventories will be accompanied by a necessary system changes to accommodate moving the inventories to the end use customer account inventories will be financed by an outfitting account which is being budgeted in the APN appropriation. This two phased approach is necessitated by the lead time required to make all are replaced. Further, increases and/or additions to these on board depot level repairable

The Navy manages both expense or consumable items and repairable items for ships and aircraft in the inventory and provides the increment above peacetime inventory required to sustain the wartime force first level requires direct appropriation for inventory increases resulting from force modernizaion, Both of these categories of material require two levels of inventory. The first level orce modification and/or readiness initiatives. War Reserve Material (WRM) is the second level of The prepositioned segment is positioned either in forward areas, aboard ship, or at places where it initial phase of a war or contingency. The second segment is to provide sustaining support and is commonly referred to as Other War Reserve Material (OWRM). Funds are being requested only for the is Peacetime Operating Stock (POS) supporting annual training and maintenance requirements. This until production can meet wartime consumption. The Navy Stock Fund WRM consists of two segments. can be readily loaded to accompany troops to assure timely support of a designated force in the Prepositioned War Reserve Material segment.

encompassed by BOSS have changed the way the Navy buys spare parts. These initiatives have produced savings of approximately \$200 million which has been incorporated in the stock fund request and Project BOSS attacks all phases of who uses, purchases or controls material. The concepts BOSS (Buy Our Spares Smart), a multi-faceted program to improve the acquisition of spare incorporated in this request are the effects of the Secretary of Defense's Ten Point Program to increase competition and reduce the cost of spare parts. In August 1983, the Navy instituted ustomer budgets.

# DEPARIMENT OF THE NAVY NAVY STOCK FUND Peacetime Inventory Augmentation - Secondary Items

(In Thousands of Dollars)

\$719,338	\$455,776	\$409,707	\$590,500
•	•	:	•
1987	1986	1985	1984
۲	F	<u>-</u>	۲
Requirement	Requirement	Requirement	Program Requirement FY 1984
ıram	ram	ram	ram

### Narrative Statement

The Navy Stock Fund (NSF) Peacetime Inventory Augmentation request identifies spare parts inventory growth to support new weapons system/alrcraft being introduced into the fleet as well as modifications to existing weapons systems/aircraft and specific initiatives to improve fleet readiness.

ב repair parts inventories to support new weapons systems and aircraft. The FY 1986 Navy investment with the growth to a 600 ship Navy. The repair parts required to support new sophisticated weapon spare parts support for new hardware represents an 11 percent growth over FY 85 and is consistent The FY 1986 Navy Stock Fund budget request for Peacetime Inventory Augmentation would finance new systems and aircraft hardware are vital to the Navy's readiness and sustainability.

(in Millions of Dollars)

	Shipboard	Aviation	Total
Force Modernization	219.5	154.0	373.5
Force Modification	16.3	19.8	36.1
Readiness/Sustainability	36.8	9.4	46.2
Total Request	272.6	183.2	455.8

The justification of the requested funds for Peacetime Inventory Augmentation in FY 1986 follows:

## DEPARTMENT OF THE NAVY NAVY STOCK FUND

Peacetime Inventory Augmentation - Secondary Items

## (In Millions of Dollars)

\$373.476	\$364,907	\$509,200
•		
FY 1986 .	FY 1985 .	FY 1984
Program Requirement FY 1986	Program Requirement FY 1985 \$364,907	Program Requirement FY 1984 \$509,200

### Force Modernization

The requirement for force modernization is to finance the acquistion of repair parts required for the establishement of initial levels of stockage at the echelons of inventory held by the Navy weapon system, assembly, or to support the introduction of additional units of end items above Stock Fund. It includes any initial stockage related to the introduction of a new aircraft, current force levels.

weapons system and aircraft of the repair parts supporting the FY 1986 program requirement follows: The cost of repair parts to support these weapons systems/aircraft is based on the total cost of A breakdown by the harware and the number of installations of this hardware requiring support.

## Force Modernization (Shipboard)

Weapon System (in Millions of Vollars)	Repair Parts Costs
Submarine Advanced Combat System (SUBACS)	60.5
Vertical Launcher Weapon Control System for the Tomahawk Missile	24.6
Spares Support for Nuclear Propulsion Equipment	14.5
MK-15 Phalanx Close-In-Weapon System	12.9
Electrically Suspended Gyroscope Navigation (ESGN) System	8.6
AN/SOS-53 Hull Mounted Sonar	8.7

Weapon System	Repair Parts Costs
Electrically Suspended Gyroscope Navigation (ESGN) System	8.6
AN/SQS 53 Hull Mounted Sonar	8.7
AN/SLQ:32 Anti-Ship Missile Defense System	7.4
Spares Support for Trident Submarine Equipments	6.7
MK-76 Standard Missile (SM-2) Fire Control System	6.1
AN/UYQ 21 Standard Data Display System	5.9
AN/WQN   Channel Finder Sonar System Installed on all Surface Ships	5.4
AN/SIC-2 Integrated Intercommunication System Installed in AEGIS Class Ships	4.8
Spares Support for Equipments Installed by Contractors	4.0
AN/UYK:62 SNAP.1 Shipboard Computer System (Large Ships)	3.3
CV-3591 Advanced Narrowband Digital Voice Terminal	3.3
Gas Management System Installed Aboard Trident Submarines	3.0
AN/UYK-62 SNAP-II Shipboard Computer System (Small Ships)	2.8
MK-92 Gun Fire Control System for Tarter Missile Launching System	2.7
WK-23 Target Acquisition System	2.6
8QQ-9 Trident Detection and Tracking Sonar	2.0
Fast Time Analyzer System (FTAS) for Post-Flight S-3 Aircraft Information	1.9

Weapon System	Repair Parts Costs
SPA-25 Surface Ship Radar Display System	8.7
Irident Tactical Display System	1.1
AN/SQR-18 Tactical Towed Array Sonar	1.4
UYQ.34 Tactical Data Display System	1.4
25MM Gun System	4.
SQR-19 Tactical Towed Array Sonar Receiver	1.3
UYK 43 Large Scale Tactical Embedded Computer	1.3
8QQ.6 Trident Onboard Sonar Trainer	1.3
MK-10 Guided Missile Control System	1.2
AN/SQR-17 Sonar Signal Processor	1.2
SRQ.4 Shipboard Terminal for Processing Lamps Helicopter Data	1.1
Deep Submergence Rescue Program	1.0
Extremely Low Frequency (ELF) Communication System	1.0
NAVSTAR Satellite Navigation System	1.0
AN/SSN-2 Precise Integrated Navigation System on Mine Countermeasure Ships	1.0
AN/SPS-40 Air Search Radar	6.0
BQR-15 Trident Towed Array Sonar System	8.0
UYH-3 Data Recorder and Reproducing Equipment	8.0

	NEPATI FAILS LOSES
Unmanned Submersible Vehicle Support	9.0
Submarine NR 1 Equipment	9.0
MK.48 Torpedo	9.0
AN/UYK.7 General Purpose Solid State Digital Computer	0.6
Harpoon Missile Command Control System	0.6
Surface Anti-Submarine Launcher System	0.5
WLR-8 Trident Electornics Surveillance Receiver	0.5
UYA-4 Planned Position Data Display Equipment	0.5
AN/SPS-49 Air Search Radar	0.3
BYH-l Submarine Data Recording and Reproducing Equipment	0.2
Total Shipboard Force Modernization	219.5

Merine Corps Stock Fund Progrem and Financing (in Thousands of dollars)

************************		188 00C
•		
24, 481	31,800	37,400
35, 798	33,600	32,600
960,01	18,400	18.200
36, 250	35,800	37.200
47,571	49,100	48,200
25, 454	29,400	27, 200
208, 545	234, 500	248,600
386,497	432,600	449,400
-232,303	-240,392	196-
-147,479	-157,300	-165, 100
20,780	34,908	42,700
1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	# # # # # # # # # # # # # # # # # # #	1 1 1 1 1 1 1 1 1
8, 715	34,908	42,700
	•	
30E ' 1 /	59, 286	59, 286
53, 731	40,382	68, 790
-59, 286	-59,286	- 50 2AC
-40,382	-68, 790	086'96-
34, 129	8 500	006 41
į.	208,545 388,497 147,479 12,065 20,780 8,715 71,352 53,731 -59,286 -40,382	

DEPARTMENT OF THE NAVY MARINE CORPS STOCK FUND Appropriation Language

For the Marine Corps Stock Fund; [\$34,908,000.] \$42,700,000. (10 U.S.C. 2208; Department of Defense Appropriation Act, 1985).

DEPARIMENT OF THE NAVY
UNITED STATES NAVY
WAR Reserves - Secondary Items
(In Millions of Dollars)

FY 86	674.8 270.6 87.9	781.3 327.3 87.6	575.3 203.8 85.2	. s	2,031.9 802.2 260.7 0 260.7
Total FY 85	602.2 256.8 19.4	818.8 289.5 42.4	522.8 185.1 21.2	s. s	1,944.3 2 731.9 63.6 19.4 83.0
FY 84	576.3 245.8 12.1	787.7 277.0 111.2	500.3 1.77.1 19.1		1,864.8 700.4 42.4 2.5 44.9
unded F Y 86	1 1 1	000	1 1 1	1 4 1	
Procurement Funded	r	99.7 .8 19.4	1 1 1	i 1 t	99.7 .8 .0 19.4
Proc FY 84	, j i	9.99.5 8. 0(*)0	1 1	1 1 1	99.5 .8 .0(*)0
Fy 86	674.8 270.6 87.9	781.3 327.3 87.6	575.3 203.8 85.2	5. 5.	2,031.9 802.2 260.7 0 260.7
Stock Fur FY 85	602.2 256.8 19.4	719.1 288.7 23.0	522.8 185.1 21.2	٠ د د	1,844.6 731.1 63.6 0 63.6
FY 84	576.3 245.8 12.1	al 688.2 276.2 11.2	500.3 177.1 19.1	latter .5 .5	1,765.3 699.6 42.4 *) 2.5 44.9
Category	Shipboard Material Requirement Applicable Assets Funding Requested	Aeronautical Material Requirement 6 Applicable Assets 2 Funding Requested	Retail Supplies Requirement Applicable Assets Funding Requested	Forms and Printed Matter Requirement Applicable Assets unding Requested	Total Navy Requirement 1,765.3 Applicable Assets 699.6 Funding Requested 42.4 Funding Requested(*) 2.5 Total

Requirements and applicable assets that these funds (\*) \$2.5 million FY 1984 funding was provided via APN-6. relate to are included in the Stock Funded column. DEPARIMENT OF THE NAVY
NAVY STOCK FUND
WAR Reserves Secondary Items

(In Thousands of Dollars)

£62 633	111 886	
	Program Requirement FY 1985	Program Regulrement FY 1984
FY 1986	FY 1985	FY 1984
Program Requirement FY 1986 .	Requirement	Requirement
Program	Program	Program

## Advanced Base Functional Components (ABFC) Operation Plan (OPLAN) Support

This program provides for forward base support to Naval forces. This includes \$59 million of retail supplies to initially outfit the Reserve Naval Construction Force Units. The remaining material is for outfitting P-3 Aircraft Maintainance Van Sites and Reserve Cargo Handling Battalions. Fy 1986 funds are requested as follows:

Retall supplies Aeronautical material

\$59,333 \$3,300 DEPARIMENI OF THE NAVY
NAVY STOCK FUND
WAR Reserves - Secondary Items

(In Thousands of Dollars)

Advanced Base Functional Components (ABFC)
Operation Plan (OPLAN) Support

This program provides for forward base support to Naval forces. This includes \$59 million of retail supplies to initially outfit the Reserve Naval Construction Force Units. The remaining material is for outfitting P-3 Aircraft Maintainance Van Sites and Reserve Cargo Handling Battalions. Fy 1986 funds are requested as follows:

Retail supplies Aeronautical material

\$59,333 \$ 3,300 الأوجوجون يوجونونوا والاحاء وجوادا الاعتمالية والمتحدث فيتمالها والمتعارض المستميلة المستميلة المستميلة المستم

DEPARIMENT OF THE NAVY
NAVY STOCK FUND
WAR Reserves - Secondary Items

(In Thousands of Dollars)

\$194,068	\$ 45,572	\$ 42,369
Program Requirement FY 1986	Program Requirement FY 1985	Program Requirement FY 1984 \$ 42,369
1986	1985	1984
ĭ	۲	7
Requirement	Requirement	Requirement
Program	Program	Program

#### Fleet Support

Air Groups (MAGs) to support the difference between wartime and peacetime consumption for assigned of the Mobile Logistics Support Force and material carried aboard aircraft carriers and by Marine this special project provides support which accompanies the deployed fleet units in supply ships alrcraft. It also includes material placed ashore to meet the expanded repair efforts and resupply of fleet units. FY 1986 funds are requested as follows:

Shipboard material Aeronautical material Retail supplies

\$87,478 \$84,300 \$22,290 DEPARIMENT OF THE NAVY
NAVY STOCK FUND
WAR Reserves - Secondary Items

(In Thousands of Dollars)

.023	,142	
<b>~</b>	<b>~</b>	•
1986	1985	1984
FΥ	<u>-</u>	F
Requirement	Requirement	Requirement
Program	Program	Program

## Fleet Marine Forces Support

This Force consists of Fleet Marine Force Atlantic, Fleet Marine Force Pacific and the Fourth Division/Air Wing team which must be ready to deploy on extremely short notice. The material will be held at ports of embarkation from which the units are scheduled to deploy. All of the material accompanies the unit and is needed for support during the initial outbreak of hostilities. FY 1986 funds are requested as follows:

Shipboard Material Retail supplies

\$422 \$601

DEPARTMENT OF THE NAVY
NAVY STOCK FUND
WAR RESERVES - SECONDARY ITEMS
(In Thousands of Dollars)

	FY 1984 ACTUAL	FY 1985 ESTIMATE	FY 1986 ESTIMATE
Fleet Marine Forces Support	ı	1,142	1,023
Fleet Support	42,369	45,572	194,068
Advanced Base Functional Component	1	11,886	62,633
Fleet Hospital Element	-	5,000	3,000
Totals	42,369	63,600	260,724

## DEPARTMENT OF THE NAVY NAVY STOCK FUND WAR Reserves - Secondary Items

(In Thousands of Dollars)

Program	Program Requirement FY 1987	۲	1987		\$265,309
Program	Program Requirement FY 1986	<u>.</u>	1986	:	\$260,724
Program	Program Requirement FY 1985	Ļ	1985	:	\$ 63,600
Program	Program Requirement FY 1984	Υ.	1984	:	\$ 42,369

### Narrative Statement

wartime requirements. Funding is provided by direct appropriation. Management of the overall stock fund program is facilitated by collecting all stock fund WRM requirements in a single held in inventory until such time as the stocks are issued to support and sustain operational force The Navy Stock Fund provides for the procurement of War Reserve Material (WRM) stocks which will be appropriation. Stock Fund Categories are as follows:

- Shipboard Material --- Consumable and depot level repairable ship, submarine, shore based, electronic and ordnance equipment, and subassembly components and repair parts.
- aircraft material managed by the Air Force and clothing and textiles, construction, general, electronic and activities. The types of material include parts peculiar to combat and tactical vehicles managed by Army, --- Consumable items used by Navy activities but managed by other service industrial material and subsistence managed by the Defense Logistics Agency. Retail Supplies
- Aeronautical Material --- Consumable and depot level repairable aeronautical, photographic and catapult and arresting gear components, subassemblies and repair parts.
- --- Printed matter including forms, directives, placard, publications and Forms and Printed Matter manuals.

The justification of the requested funds for war reserves in FY 1986 follows:

SANGER PARKET INTEREST AND THE

# DEPARTMENT OF THE NAVY NAVY STOCK FUND Peacetime Inventory Augmentation - Secondary Items

(In Thousands of Dollars)

\$46,200	\$10,600	\$51,800
:	:	:
1986	1985	FY 1984
Ļ	Ļ	۲
Requirement FY 1986	Requirement FY 1985	Requirement
Program		Program

## Readiness and Sustainability

purpose of increasing material readiness or sustainability. Initiatives include increased material availability, operational availability, backorder rates, mission capable rates, casuality reports, stockage to improve approved, identifiable and quantifiable readiness indicators such as stock The requirement for readiness and sustainability is to finance the acquisition of repair parts which increase current levels at any echelon of inventory held by the Navy Stock Fund for the

A list of the readiness and sustainability initiatives requested in the FY 1986 program follows:

# Readiness and Sustainability (Shipboard) (In Millions of Dollars)

Repair Parts Cost

70% Point of Entry Effectiveness - Provides additional levels of intermediate and retail inventory required to achieve the Chief of Naval Operations goal of filling 70% of customer requisitions at the stockpoint closest to the customer.	10.
Remain in Place – Provides an additional level of inventory for repairable items authorized to remain in place within the customer's equipment until a ready for issue replacement item is received.	9

to support requirements from other services or activities when the Navy inventory Supply Support Requests - Provides for a level of inventory of consumable items control point is the PICA (primary inventory control activity)

5.8

ts Costs							Repair Parts Cost	0 01	0.20	19.8	36.1
Repair Parts Costs	1.5	1.3	0.5	0.5	16.3	<u>(n</u>					
Weapon System	Integrated Radio Room Equipment Improvements Aboard Submarines	SPN 43 Shipboard Precision Aircraft Approach Radar System	Standard Missile/Radar Integration System (CWI) Transmitter	Miscellaneous Shipboard Modifications	Total Shipboard Force Modification	Force Modification (Aviation)	(In Millions of Dollars)	Aircraft Modifications		Total Aviation Force Modification	Total Force Modifications

## DEPARTMENT OF THE NAVY NAVY STOCK FUND

# Peacetime Inventory Augmentation - Secondary Items

(In Thousands of Dollars)

36, IUC	34,200	29,500
	••• • • •	•
1986	1985	1984
<b>&gt;</b> -	7	۲
Redulrement	Requirement FY 1985 \$34,200	Requirement
Program	Program	Program

### Force Modification

force modification requirements are necessary to finance the acquisition of repair parts to provide increases in inventory held by the Navy Stock Fund in support of programmed modifications to existing alreraft, weapons systems, and assemblies.

Shipboard modification requirements are based on weapon system costs and modification schedules while the aircraft modification requirement represents the investment in repair parts to support modifications as described in the aircraft procurement, Navy (APN) appropriation request.

Breakout of the force modification requirements in the FY 1986 program follows:

## Force Modification (Shipboard)

e Modernization (Aviation)	
Force Mc	

(In Millions of Dollars)	
Aircraft	Repair Parts Cost
AV-8B	2 4 5
SH- 60B	74.0
F/A-18	0.63 7 8 L
Aviation Spares for New Carrier	
Support Equipment	0.0
CH-53	6
EA-68	 
C-2A	n C
AH-11	) · · ·
F-14A	0.7
A_6F	6.3
10-11 10-11	2.0
ر 0 - د 0 - د	1.6
Branch Aviation Supply Office	— C
Targets	 
Total Aviation Force Modernization	154.0
Total Force Modernization	373 5
	2.010

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Marine Corps Stock Fund Object Classification (in Thousands of dollars)

dent   f		1984 actual	1985 681	1986 est.
	Relaburgeble obligations:			
22.2001	22.2001 Transportation of things	3,500	3, 500 42 <b>0</b> , 100	446,900
		388.497	432,600	449,400
29. 9001	SECTIONS OF THE PROPERTY OF TH			
1066 66	99.9901 Total obligations	388,497	432,600	449, 400

DEPARIMENT OF THE NAVY MARINE CORPS STOCK FUND Appropriated funds Request

(In Thousands of Dollars)

1014	\$62,989 \$42,700 \$34,908 \$20,780
War Keserve	\$62,479 \$41,106 \$31,401 \$20,780
Peacetime	Program Requirements FY 1987\$ 510 Program Requirements FY 1986\$1,594 Program Requirements FY 1985\$3,507 Program Requirements FY 1984\$ 0
	rine Corps Stock Fund

#### General Statement

Fund customers buy material utilizing appropriated funds. These monies, in turn, are used by the stock fund to reinvest in material that is held in inventory to meet future customer demands. day-to-day operating requirements of Marine Corps posts, camps and stations. Marine Corps Stock The Marine Corps Stock fund is a working capital fund established for the purpose of financing inventories of stores, supplies, material and equipment. Such inventories include consumable, expense-type material and relatively minor items of equipment primarily in support of the

direct appropriation requested by the Marine Corps Stock Fund in FY 1986 includes \$1,594 thousand In a static environment, this sale and replenishment cycle is self-sustaining. However, introduction of new weapons systems, modernization of existing systems, increased levels of peacetime operations, and mobilization or War Reserve Material (WRM) require expansion and augmentation of stock fund inventories to assure proper levels of support and readiness. for peacetime inventory augmentation and \$41,106 thousand for War Reserve Material.

Material Manager (IMM) for the Department of Defense (DOD) supply system. Such items are in Specifically, these funds are for the establishment of initial wholesale stock levels of consumable expense-type items for which the Marine Corps has been designated the Integrated The FY 1986 request for Peacetime Inventory Augmentation would support Force Modernization. support of new/additional end items of equipment entering the force structure. requirement would fund similar programs for other equipment entering the Force الما المتكافئ والإراب المستراد والمتمارة والمسترافظ بالتسيية والافتطاء المتمارة والمتمارة والمتارة والمتارة والمتمارة والمتمارة والمتمارة والمتمارة والمتمار

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repair/replacement of unserviceable components of end items; allowance items required to complete the initial outfitting of active force cadre units; the Table of Equipment (I/E) allowance for Prepositioning Ships (MPS) program. Further, projected combat losses for the approved period are additive to the initial outfitting requirements. This budget submission for War Reserve Material was developed by use of the preceding criteria and addresses a requirement in FY 1986 of \$41,106 each Marine Corps Reserve unit which is offset by the training allowance held by that unit; and the range of items in War Reserve Material (WRM) stock consists of repair parts necessary for Meals Ready to Eat (Combat Rations) and associated fuel bars in support of the Maritime thousand for the procurement of stock fund War Reserve Material.

Cost avoidance resulting from these initiatives The Marine Corps has implemented the Secretary of Defense's Ten Point Program to increase competition and reduce the cost of spare parts. has been incorporated in this request.

#### DEPARTMENT OF THE NAVY MARINE CORPS STOCK FUND Peacetime Inventory Augmentation - Secondary Items

(In Thousands of Dollars)

Program Requirement FY 1987....\$ 510 Program Requirement FY 1986....\$1,594 Program Requirement FY 1985....\$3,507 Program Requirement FY 1984....\$ 0

### Narrative Statement

The FY 1986 Marine Corps Stock Fund (MCSF) Peacetime Inventory Augmentation request is to support The new end items will enhance the combat capabilities of Marine Corps force modernization requirements. Within force modernization, the requirement relates to the procurement of initial wholesale stock levels of new consumables/expendables in support of new/additional end items.

The Justification of the requested funds for Peacetime Inventory Augmentation in FY 1986 follows:

#### MARINE CORPS STOCK FUND FORCE MODERNIZATION

- The balance of the request (\$178.8 thousand) supports a variety of weapons and vehicles at amounts ranging from \$42.0 thousand for the Light Armored Vehicle 25mm Gun to \$.4 thousand for the Shop procurement of initial wholesale stock levels of consumables/expendables in support of vehicles Wehicle System Front Power Unit and \$89.1 thousand to support the 5 Ton Cargo Truck, 6x6-M923. The request includes \$103.1 thousand for initial stock to support the Logistics The FY 1986 request will provide for the Ordnance-tank-automotive (\$371 thousand). Set, FM-25-64. and weapons.
- FY 1986 funding is requested to provide for initial w/Cable (\$13.0 thousand); Mine Clearance Kit (\$11.6 thousand); and Multi-Purpose Bucket Tractor wholesale stock levels of consumables/expendables in support of new/additional engineering and construction equipment. Examples of end items to be supported include Bridge Erection Boat Engineer-Construction (\$57 thousand). (\$10.0 thousand)

- The FY 1986 request will provide for the System; and \$133.4 thousand for the Unit Level Switch Switching Unit Telephone. The balance of the request (\$333.9 thousand) supports a variety of communications-electronics equipment ranging from \$86.0 thousand for the Communication Central AN/MSC-63A to \$.5 thousand for a Digital procurement of initial stock levels of consumables/expendables in support of new communications The request includes \$320.1 thousand for initial stock to support a Central Office Telephone; \$297.6 thousand to support the Marine Integrated Fire and Air Support Communications - Electronics (\$1,085 thousand). and electronics equipment. elephone Analyzer.
- items. In FY 1986, such consumables will primarily be in support of the Reciprocating Pump (\$41.6 The requested funds are for the establishment of initial thousand) and Decontamination Apparatus (\$13.1 thousand). Examples of other end items supported include: Topographical Survey Set; Compressor, 4 Cubic Feet/Minute (CFM); Water Distribution Equipment, M62; Field Refrigeration Box, 8x8x10; and Expeditionary Field Bath Shower Unit. wholesale stock levels of consumables/expendables to support new/additional general property General Property (\$81 thousand).

# DEPARTMENT OF THE NAVY MARINE CORPS STOCK FUND Peacetime Inventory Augmentation - Secondary Items Summary of the Requirement

## (In Thousands of Dollars)

Material Category	FY 1984 Actual	FY 1985 Estimate	FY 1986 Estimate
Ordnance-Tank-Automotive	:	1006	371
Engineer-Construction	:	95	57
Communications-Electronics	:	2412	1085
General Property	:	33	18
TOTAL MARINE CORPS	:	3507	1594

DEPARTMENT OF THE NAVY
MARINE CORPS STOCK FUND
WAR Reserve - Secondary Items

(In Thousands of Dollars)

\$62,479	\$41,106	\$31,401	\$20,780
:	:	:	:
:	•	:	:
7	۲	۲	7
Requirement FY 1987	Requirement	Requirement fy 1985	Requirement
Program	Program	Program	Program

### Narrative Statement

the Reserve 4th Division/Wing Team. Funding is provided by direct appropriation. Management of the initial readiness and sustained wartime capability of the active Marine Amphibious Forces (MAFs) and capabilities. The War Reserve requirements contained in this submission are essential to ensure the The Marine Corps Stock Fund provides for the procurement of War Reserve stock which will be held in overall stock fund program is facilitated by collecting, in a single appropriation, all stock fund inventory until such time as the stocks are issued to support and sustain operational force War Reserve requirements. Stock fund War Reserve categories are as follows:

- 1. Equipment Support and Allowance Items
- Consumable/expendable items for support of motor vehicles and Ordnance-Tank-Automotive: of the combat forces.
- Consumable/expendable items for support of field fortifications and b. Engineer-Construction: Consumable/exporter engineer equipment of the combat forces.
- Consumable/expendable items for support of communications and c. <u>Communications-Electronics</u>: Consumelectronics equipment in the combat forces.
- d. <u>General Property:</u> Prepositioned fuel bars to heat combat rations and minor consumable/expendable items for support of individual equipment and general articles in the combat
- Consumable/expendable items of individual and organizational clothing; tentage and equipage used by the combat forces. Clothing and Textiles:
- Prepositioned Meals Ready to Eat to support a Marine Amphibious Brigade. Subsistence:

DEPARTMENT OF THE NAVY MARINE CORPS STOCK FUND War Reserve - Secondary Items

## (In Thousands of Dollars)

	FY 1984 <u>Actual</u>	FY 1985 Estimate	FY 1986 Estimate
Equipment Support and Allowance Items			
Ordnance-Tank-Automotive	1,070	6,492	9,550
Englneer-Construction	6,072	2,335	3,171
Communications-Electronics	1,012	2,134	2,818
General Property	2,267	1,785	2,171
Subtotal	10,421	12,746	17,710
Clothing and Textiles			
Clothing and Textiles	10,359	12,891	17,566
Subsistence			
Subsistence (MPS)	1	5,764	5,830
TOTAL MARINE CORPS	20,780	31,401	41,106

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DEPARIMENT OF THE NAVY MARINE CORPS STOCK FUND WAR Reserve - Secondary Items

(In Thousands of Dollars)

\$17,710	\$12,746	\$10.421
:	:	
1986	1985	1984
7	<b>&gt;</b> -	<u>\</u>
Program Requirement FY 1986 \$17,710	Requirement	Regulrement
Program	Program	Program

## Equipment Support and Allowance Items

field fortifications and other engineer equipment; communications and electronics equipment; and general property material required to sustain the combat forces. In addition, in FY 1985 and FY centrally-procured expense type items in support of tactical motor vehicles and weapons; combat 1986, general property encompasses the financing of fuel bars which will be used to heat Funding for equipment support and allowance items will provide for the procurement of prepositioned Meals Ready to Eat.

Requirements for allowance items ar developed by use of approved allowance lists offset by Combat sustainability is also calculated for combat essential allowance items. Examples of the types of equipment support and allowance items to be funded include: bayonette-knife, w/scabbard; combat knife; mortar w/case; pyrotechnic pistol w/o mount; barbed wire; sand bag; unmounted magnetic compass; chemical detector set; battery charger category which must be provided to sustain the combat forces. The requirement for fuel bars is radiac computer indicator; gasoline can; first aid kit; military water can; water purification tablet, etc. There are literally thousands of individual, expense type items included in this The combat consumption requirements for consumable spares (equipment support) are developed by applying tempered current usage data to the increase in the number of equipments involved in based on the consumption of Meals Ready to Eat in support of the combat forces. the quantities held by the operating forces. combat.

The requested funds will provide an incremental increase in War Reserve Material to support the effective accomplishment of the Marine Corps' combat mission.

FY 1986 funds are requested as follows: Equipment Support Allowance Items Fuel Bars

17,358

DEPARIMENT OF THE NAVY MARINE CORPS STOCK FUND WAR Reserve - Secondary Items

(In Thousands of Dollars)

\$17,566	\$12,891	410,350
1986	FY 1985	1984
<u>~</u>	7	<u>ک</u>
Requirement	Requirement	Requirement
Program	Program	Program

### Clothing and Textiles

funding provides for the procurement of expense-type clothing and textile items.

Examples of allowance-type items in this commodity area are individual clothing; organizational equipment; and environmental clothing and equipment. Combat sustainability for combat essential items is additive to the requirement.

The requested funds will provide an incremental improvement in items necessary to outfit and sustain the combat forces.

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DEPARTMENT OF THE NAVY
MARINE CORPS STOCK FUND
WAR Reserve - Secondary Items

(In Thousands of Dollars)

:	5 \$ 5,764	FY 1984 \$ 0
1986	FY 1985	1987
Ϋ́	7	۲
	Requirement	Requirement
ogram	Program	Program

#### Subsistence

**Subsistence** funding provides for the procurement of Meals Ready to Eat (MRE's), i.e., combat rations, to sustain the combat forces.

The inventory objective for Meals Ready to Eat is based on the requirement to preposition Meals Ready to Eat aboard the Maritime Prepositioning Ships (MPS) to sustain the combat forces. funding for this requirement is necessary to provide a mobility enhancement alternative to the use of scarce strategic lift assets required for the early introduction of credible, sustainable forces in order to respond to any potential world-wide contingency.

## DEPARTMENT OF THE NAVY HEADQUARTERS, UNITED STATES MARINE CORPS WAR Reserve - Secondary Items

## (In Millions of Dollars)

CATEGORY	STO	STOCK FUNDED	)ED	PROCUREMENT		FUNDED	¥0.	TOTAL	7000
Ordnance-Tank-Automotive	1 184	1 183	180	1 484	0	100	0	6	001
Requirement Applicable Assets Funding Requested	67.5 10.4 1.1	79.5 11.5 6.5	82.4 18.0 9.6	9.7 6.2 2.6	10.2 8.8 .5	10.7 9.3 6.6	77.2 16.6 3.7	89.7 20.3 7.0	93.1 27.3 10.2
Engineer-Construction									
Requirement Applicable Assets Funding Requested	30.6 11.0 6.1	33.0 17.1 2.3	30.3 19.4 3.2	6.0 2.7 1.4	6.3 4.1 .3	6.6 4.4 2.2	36.6 13.7 7.5	39.3 21.2 2.6	36.9 23.8 3.4
Communications_Electronics	ωl								
Requirement Applicable Assets Funding Requested	31.0	33.5 12.2 2.1	26.2 14.3 2.8	41.2 14.1 15.2	43.5 29.3 2.5	45.7 31.8	72.2 25.3 16.2	77.0 41.5 4.6	71.9 46.1 3.9
General Property*									
Requirement Applicable Assets Funding Requested	27.3 12.4 2.3	29.5 14.7 1.8	32.7 16.5 2.2	1 1 1	1 1 1	1 1 1	27.3 12.4 2.3	29.5 14.7 1.8	32.7 16.5 2.2

\*Includes fuel bars for Maritime Prepositioning Ship (MPS) -- Requirement \$.6 million in FY 1984, FY 1985 and FY 1986. Applicable Assets \$.2 million in FY 1984 and FY 1985 and \$.4 million in FY 1986. Funding requested \$.2 million in both FY 1985 and FY 1986.

DEPARTMENT OF THE NAVY
HEADQUARTERS, UNITED STATES MARINE CORPS
WAR RESERVE - SECONDARY ITEMS (continued)

## (In Millions of Dollars)

FY86	149.3 99.8 17.6	18.8 13.0 5.8	402.7 226.5 43.0	19.4 4.0 6.0
TOTAL FY85	200.9 86.9 12.9	18.8 7.2 5.8	455.2 191.8 34.7	19.4 7.4 6.0
FY84	191.5 76.5 10.4	18.8	423.6 151.7 40.1	19.4
FUNDED FY86	1 1 1	f 1 1	63.0 45.5 1.9	1 1 1
PROCUREMENT FUNDED  84 FY85 FY8	1 1 1	1 1 1	60.0 42.2 3.3 above)	1 1 3
PROC FY84	1 i 1	1 1	56.9 60.0 23.0 42.2 19.2 3.3	1 4 1
DED F Y86	149.3 99.8 17.6	18.8 13.0 5.8	339.7 181.0 41.1 eneral F	19.4 13.4 6.0
STOCK FUNDED	200.9 86.9 12.9	18.8 7.2 5.8	395.2 149.6 31.4	19.4 7.4 6.0
FY84	191.5 76.5 10.4	18.8	366.7 395.2 339.7 128.7 149.6 181.0 20.8 31.4 41.1 Subsistence and General	19.4
CATEGORY Clothing and Textiles	Requirement Applicable Assets Funding Requested Subsistence	Requirement Applicable Assets Funding Requested Total Marine Corps	Requirement Applicable Assets Funding Requested Total MPS (included in	Requirement Applicable Assets Funding Requested

# DEPARTMENT OF THE NAVY NAVY STOCK FUND Financial Condition (In Thousands of Dollars)

Identification code 17-4911-0-4-051	1983 Actual	1984 Actual	1985 Estimate	1986 Estimate	
Assets: Selected Assets: Fund Balance with Treasury Accounts Receivable (net) Inventories (net)	662,363 77,246 9,809,439 819,891	1,333,516 135,456 12,350,886 ( 382,595	1,683,123 135,503 (a) 20,041,417 382,595	2,125,923 135,479 (b) 16,813,241 382,595	
Total Assets	11,368,939	14,202,453	22,242,638	19,457,238	
Liabilities: Selected Liabilities: Accounts Payable and Accrued Liabilities	747,290 -187,383 559,907	954,022 -639,097 314,925	986,500 -639,097 347,403	1,088,600 -639,097 449,503	
Government Equity Selected Equities: Unexpended budget authority: Undelivered orders	2,842,953	3,719,599	5,813,268	7,455,044	
Unfilled customer orders	-722,163 -2,171,075 10,859,318	-829,319 -2,420,446 13,417,695	-2,605,812 -2,420,446 21,108,225	-3,906,912 -2,420,446 17,880,049	
Total Government Equity	10,809,032	13,887,528	21,895,235	19,007,735	
(a) Increase due to the capitalization of a 1985.	aviation depot	level repaira	bles in the Navy	aviation depot level repairables in the Navy Stock Fund on I April	_

(b) Decrease due to the phased decapitalization of aviation depot level repairables on carriers, LPHs, LPDs, and Marine Air Groups and Naval Air Stations commencing 1 April 1986.

DEPARIMENI OF THE NAVY NAVY STOCK FUND Financial Condition (continued) (In Thousands of Dollars)

		(SIDILOG IO EDUREDON	
Identification code 17-4911-0-4-051	1984 Actual	1985 Estimate	1006 55442545
Analysis of Changes in Government Fauity.			באר ווומוב
Pald-in capital;			
Opening balance	5,785,179	6.245,993	001 636 11
Transactions:			007,653,70
Appropriations	632,869	473,307	716 500
Net change in capitalized inventory.	-172,055	7,534,400	-3.604.000
Closing balance	6,245,993	14,253,700	11 366 200
Retained Income or Loss (-):			
Opening balance	5,023,854	7,641,536	7.641 536
Transactions: Net operating income			
	2,617,682	1	1
Closing balance	7,641,536	7,641,536	7,641,536
Total Government Equity (end of year)	13,887,528	21,895,235	19,007,735

DEPARTMENT OF THE NAVY
NAVY STOCK FUND
Revenue and Expense (In Thousands of Dollars)

Identification code 17-4911-0-4-051	1984 Actual	1985 Estimate	1986 Estimate
Operating Income or Loss (-):			
Revenue: Sale of goods	6,543,502	8,134,300	9,106,100
Expense:			
Purchases of goods (at cost)	7,182,682	7,163,531	7,770,824
Transportation	12,839	36,300	52,100
Inventory Increases (-) or Decreases -2,713,503	-2,713,503	-156,131	-375,824
Other expenses	-556,198	1,090,600	1,659,000
Total Expenses	3,925,820	8,134,300	9,106,100
Net Operating Income or Loss (-)	2,617,682		

# DEPARTMENT OF THE NAVY MARINE CORPS STOCK FUND Financial Condition (In Thousands of Dollars)

Identification Code: 17-4913-0-4-051	1983 Actual	1984 Actual	1985 Estimate	1986 Estimate
Assets: Selected Assets: Fund balance with Treasury	53,731	40,382	062,89	066,96
Accounts receivable, (net)	12,510	15,177	15,198	15,233
Inventories, (net)	293,479	341,885	341,000	403,000
Total Assets	359,720	397,444	424,988	515,223
<pre>Liabilities:     Selected Liabil les:     Accounts payable and accrued     Liabilities</pre>	16,827	66,344	54,627	73,962
Other Liabilities	-35,459	-18,253	-35,500	-35,500
Total Liabilities	41,368	48,091	19,127	38,462
Government Equity: Selected Equities Unexpended budget authority: Undelivered orders	122,258	106,489	128,075	156,275
Unfilnanced budget authority: Unfilled customers orders	-26,033 -71,352	-39,735	-3,928	. 23, 228
Invested Capital	293,479	341,885	341,000	403,000
Total Government Equity	318,352	349,353	405,861	476,761
	2-5			

DEPARTMENT OF THE NAVY MARINE CORPS STOCK FUND Analysis of Changes in Government Equity (In Thousands of Dollars)

Identification Code: 17-4913-0-4-051	1983 Actual	1984 Actual	1985 Estimate	1986 Estimate
Analysis of changes in government equity:				
Pald-in Capital:				
Opening Balance	473,735	480,854	511,951	568,459
Transactions:				
Appropriation	11,812	20,780	34,908	42,700
Net changes in capitalized assets	-4,693	10,317	21,600	28,200
Closing balance	480,854	511,951	568,459	639,359
Retained income or deficit (-)				
Opening balance	-158,299	-162,502	-162,598	-162,598
Transactions:				
Net operating income or loss (-)	-4,203	96-	-0-	-0-
Closing balance	-162,502	-162,598	-162,598	-162,598
Total Government Equity (end of year)	318,352	349,353	405,861	476,76}

DEPARTMENT OF THE NAVY MARINE CORPS STOCK FUND Revenue and Expense (In Thousands of Dollars)

Identification Code: 17-4913-0-4-051	1984 Actual	1985 Estimate	1986 Estimate
Operating Income or Loss (-):			
Revenue: Sales of Goods	366,079	433,500	387,400
Expense:			
Purchase of goods (at cost)	411,081	429,115	445,900
Transportation	3,500	3,500	3,500
Other expenses	1	1	ı
Inventory increase (-) or decrease	-48,406	885	.62,000
Total Expense	366,175	433,500	387,400
Net Operating income or Loss (-)	96-	-0-	· 0 · ·

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